



RECEIVED
DEC 15 2003
TC 1700

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q67681

Atsushi FUNABIKI, et al.

Appln. No.: 10/009,534

Group Art Unit: 1745

Confirmation No.: 4025

Examiner: Carol Diane Chaney

Filed: December 14, 2001

For: POSITIVE ACTIVE MATERIAL FOR SECONDARY BATTERY, PROCESS FOR PREPARATION THEREOF AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY COMPRISING SAME

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, along with a copy of a Communication from a Foreign Patent Office dated September 10, 2001 for a foreign application corresponding to U.S. Application No. 09/878,203 and listing three non-patent literature documents.

The present Information Disclosure Statement is being filed (without a Statement Under 37 C.F.R § 1.97(e)) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/009,534

Attorney Docket No.: Q67681

(whichever is earlier), and therefore a check for the fee of \$180.00 under 37 C.F.R. § 1.17(p) is attached.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



Bruce E. Kramer
Registration No. 33,725

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: December 10, 2003

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of 2

Complete if Known

Application Number	10/009,534
Confirmation Number	4025
Filing Date	December 14, 2001
First Named Inventor	Atsushi FUNABIKI
Art Unit	1745
Examiner Name	Carol Diane Chaney
Attorney Docket Number	Q67681

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 6,503,646	B1	01-07-2003	Ghantous et al.
		US 6,555,272	B2	04-29-2003	Suzuki et al.
		US 6,174,623	B1	01-16-2001	Shackle
		US 6,013,391	A	01-11-2000	Le et al.
		US 6,004,697	A	12-21-1999	Thackeray et al.
		US 5,700,598	A	12-23-1997	Denis et al.
		US 5,698,338	A	12-16-1997	Barker et al.
		US 5,686,203	A	11-11-1997	Idota et al.
		US 5,567,548	A	10-22-1996	Walk et al.
		US 5,389,472	A	02-14-1995	Takeuchi et al.
		US 5,358,801	A	10-25-1994	Brodd
		US 5,340,671	A	08-23-1994	Koksang
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		HAYASHIBARA M ET AL: "Lithiation characteristics of FeVO ₄ ", SOLID STATE IONICS, NORTH HOLLAND PUB. COMPANY, AMSTERDAM, NL. Vol. 98, no. 1-2, 1 June 1997 (1997-06-01), pages 119-125.	
		SAIDI M Y ET AL: "Investigation of the electrochemical properties of FexV ₂ O ₅ :", SOLID STATE IONICS, NORTH HOLLAND PUB. COMPANY, NL, vol. 82, no.3, 1 December 1995 (1995-12-01), pages 203-207.	
		SUGUWARA M. AND AL.: "Amorphous iron orthovanadate as cathode active materials for rechargeable lithium cells", DENKI KAGAKU, vol. 61, no. 2, February 1993 (1993-02), pages 224-227.	
		POIZOT ET AL: "Low temperature synthesis and electrochemical performance of crystallized FeVO ₄ · 1.1H ₂ O", SOLID STATE IONICS, (2000), pages 31-40	

Examiner Signature

Date Considered